CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

To,

Date: 31-12-2019

ASSISTANT EXECUTIVE ENGINEER
YELAHANKA SUB DIVISION
BBMP
BANGALORE

Dear Sir,

Sub: M/s. Civil Pro Services for the work of IMPROVEMENTS TO ROADS AND DRAINS AT JP COLONY MAIN AND CROSS ROADS AND SURROUNDING AREAS IN WARD NO. 02 OF YELAHANKA SUB DIVISION

Ref: 1. Work Order No: BBMP/EE/TNK.D/W.O/175/2019-20

2. Job code: 002-20-000008

We are here with forwarding to M/s. Technical Managaer (West) KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore:560010. First and Final Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs. 97,02,079.00 /- (Rs. Ninety Seven Lakhs Two Thousand and Seventy Nine Rupees Only).

Thanking you,

AE-02

Yours faithfully,

For Civil Pro

R. KARTHIK RECHAN
AUTHORIZED SIGNATORY
CIVIL PRO

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Sig.
Date
BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

NAME OF WORK:- Improvements to roads and drains at JP colony main and cross roads and surrounding areas in Ward No. 02 of Yelahanka Sub Division

Name of Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Contractor/ Agency: M/s. Technical Manager (West), KRIDL, Bangalore, 5th Block, 17th Main Shivakumar Swamy Building, Bhasyam Circle Bangalore: 560010.

Total Cost :RS.9702079/-

Date Of Inspection : 31-12-19

Status Of Bill : First & Final Bill

In the Presence of : a) Assistant Engineer Project division, BBMP, Bangalore
b) R. Karthik Rechan, Partner, M/S RUDRAPRASAD CONSULTANTS, BANGALORE

PMC COMPLIANCE REPORT

Sl. No.	Description of work	Comments/Observations
1	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
2	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

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3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
4	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory
5	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete. As per the direction of	Work done upto the Billed Quantity and the Quality is satisfactory
6	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. As per the direction of Engineer incharge.	Work done upto the Billed Quantity and the Quality is satisfactory

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7	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
8	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and ascomplete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
9	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. and as per the directions of the Engineer-in-charge of the work ..	Work done upto the Billed Quantity and the Quality is satisfactory
10	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

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11	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
12	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory
13	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. and the directions of Engineer in-charge	Work done upto the Billed Quantity and the Quality is satisfactory
14	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and the directions of Engineer in-charge.	Work done upto the Billed Quantity and the Quality is satisfactory

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15	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

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